



Mechanical Engineering Section, Engineering Division (ED)

888-835-5971
www.nwo.usace.army.mil

As part of the Omaha District's Engineering Division Design Branch, the Mechanical Engineering Section provides engineering services for facilities, aircraft fueling systems and Civil Works type projects.

Mission

The mission of the Mechanical Engineering Section is to meet the mechanical engineering requirements of the Omaha District and the military and civil customers it serves, using sound engineering judgment, and incorporating state-of-the-art technologies in a timely and cost-effective manner.

Services

- o Development of project requirements from planning through final construction
- o Construction administration
- o Review of design documents developed by other Corps districts or architectural-engineering firms

Staff

- o Registered professional engineers
- o Leadership in Energy and Environmental Design accredited designers

Recently Completed Projects

- o Hospital Area Barracks, Fort Carson, Colo.
- o Combined Arms Combat Training Facility, Fort Carson, Colo.
- o Heating, Ventilating and Air Conditioning System Upgrade, Big Bend Dam Powerhouse, Fort Thompson, S.D.
- o Rehab Fire Protection System, Fort Randall Dam, Pickstown, S.D.
- o Replace Generator Air Coolers and Piping, Fort Randall Dam, S.D.
- o Construct Fuel Farm/Distribution System, Bagram, Afghanistan
- o Arrival/Departure Airfield Control Group Facility, Phase 2, Buckley Air Force Base, Denver, Colo.
- o Penstock Articulation Joint Replacement, Oahe Dam, Pierre, S.D.
- o Construct Fuel Farm/Distribution System, Bagram, Afghanistan
- o Hydrant Fuel System, McConnell Air Force Base, Wichita, Kan.

Knowledge and Experience

- o Design of facilities mechanical and plumbing systems
- o Building automation systems
- o Fire protection systems
- o Fuel distribution systems
- o Heating plants
- o Heating and cooling distribution systems
- o Aircraft fuel storage
- o Pumping and distribution systems
- o Civil Works pumping stations
- o Hydropower/flood control facility inspections



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Omaha District

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